

SYLLABUS  
NUTRITION: Methods in Sensory Analysis  
11:709:443  
Fall 2021

*Professor:* Paul Breslin  
*Class Hours:* Wednesday 11:00 am - 2:00 pm  
(Note two exceptions below)  
*Location:* **Online Only** Due to Pandemic  
*Prerequisites:* 11:709:201, 11:709:255  
*Readings to be determined.*

*Office Hours:* by appointment  
*Phone:* 908 227 3739 (cell)

*E-mail:* [breslin@SEBS.rutgers.edu](mailto:breslin@SEBS.rutgers.edu)

Course materials: on Sakai

*Grades* will be based upon class participation (including discussions and questions 10%), quizzes (5%), midterm (35%) and final exams (50%).

<b>Week 1 Class, September 1</b>	Introduction Course Synopsis/ Review of Course Objectives & Measurement and Data Types Introduction to Quantitative Variation and Statistics
<b>Week 2 NO Class, September 8</b>	<b>No Class, This Wednesday is on a Monday Schedule (RH)</b>
<b>Week 3 Class, September 15</b>	Taste Biology and Sensation I Taste Biology and Sensation II (YK)
<b>Week 4 Class, September 22</b>	Taste Biology and Sensation III Olfaction and Sensation I Olfaction and Sensation II
<b>Week 5 Class, September 29</b>	Olfaction and Sensation III Somatosensation I
<b>Week 6 Class, October 6</b>	Somatosensation II Sensory Coding
<b>Week 7 Class, October 13</b>	<b>Mid-Term Exam</b> Introduction to Psychophysics
<b>Week 8 Class, October 20</b>	Psychophysics: Sensitivity Measurement Psychophysics: Discrimination Testing
<b>Week 9 Class, October 27</b>	Thurstonian Scaling, R-Index

<b>Week 10 Class, November 3</b>	Intensity Scaling Time-Intensity Measurement/Adaptation
<b>Week 11 Class, November 10</b>	Context Effects and Demand Effects Descriptive Analysis
<b>Week 12 Class, November 17</b>	Hedonic/Affective Scaling Texture Analysis Preference Testing
<b>Week 13 NO Class, November 24</b>	<b>Thanksgiving Break</b> (11/24 - 11/28)– No Class Wednesday
<b>Week 14 Class, November 29</b> <b>MONDAY</b>	Multi-modal Sensory Integration Individual Sensory Differences and Genetics <b>This Monday is on a Wednesday Schedule</b>
<b>Week 14 Class, December 1</b>	Modeling Healthy Foods
<b>Week 15 Class, December 8</b>	<b>Review (Last Class; Classes End December 13)</b>

**Reading Days December 14-15**  
**Final Exams December 16-23**

This is a lecture-based course and participation in lectures is required.  
If you miss more than 5 classes, constituting 20% of the course or more, you cannot pass this course.

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#### **AVAILABLE STUDENT SUPPORT SERVICES**

- ***If you are having personal or other problems, there are many options at Rutgers for assistance.***
  - Student Affairs office can help with issues related to your experience at Rutgers and when you don't know where to start when looking for assistance, contact the [Dean of Students office](#).
  - If are in need of *mental health* services, please use our readily available services. Rutgers Counseling and Psychological Services (CAPS) – New Brunswick: <http://rhscaps.rutgers.edu/>
  - If you need some temporary guidance, there is “Lets Talk” – which is a CAPS service offering drop-in hours at a number of locations across campus. No appointment is

necessary. <http://health.rutgers.edu/medical-counseling-services/counseling/therapy/community-based-counseling/#runbhc>

- **If you are in need of *physical health services*** due to illness, please reach out to:  
Rutgers Health Services – New Brunswick: <http://health.rutgers.edu/>
- **If you do not have enough food**, there is a Food Pantry on College Ave campus that is exclusively for Rutgers Students. <http://ruoffcampus.rutgers.edu/food/>
- If you need accommodation for a *disability*, obtain a Letter of Accommodation from the Office of Disability Services that provides student-centered and inclusive services.  
<https://ods.rutgers.edu>
- If you are a **military veteran** or are on active military duty, you can obtain support through the Office of Veteran and Military Programs and Services. <http://veterans.rutgers.edu/>
- If you are in **need of legal services**, please use our readily available services:  
<http://rusls.rutgers.edu/>
- If you are in need of additional *academic assistance*, please use our readily available services.  
Rutgers University-New Brunswick Learning Center: <https://rlc.rutgers.edu/>.
- If you or somebody you know has been victimized by a *crime, interpersonal violence* (e.g., stalking, sexual assault), support is available at the Rutgers Office for Violence Prevention and Victim assistance. <http://vpva.rutgers.edu>